

ABSTRACT OF THE DISCLOSURE

An apparatus (10) for cooking a food item (12) therein is disclosed. The apparatus (10) has a housing (14) defining an interior (16) and includes at least first and second opposed walls (18,20). A rotating member (22) is positioned between the first and second walls (18,20) of the housing (14), and the rotating member (22) is capable of engaging and rotating the food item (12). A drive mechanism (24) is mounted on the apparatus (10) for rotating the rotating member (22). A heating element (26) is positioned adjacent the second wall (20) of the housing (14), and a blackbody radiator (30) is positioned between the rotating member (22) and the heating element (26). The heating element (26) heats a first side (31) of the blackbody radiator (30) and a second side (33) of the blackbody radiator (30) emits radiation in a highly effective wavelength spectrum toward the food item (12). The apparatus (10) also includes a self cleaning system (40) for cleaning the interior (16).